

## METHOD FOR GENERATING A GENE LIBRARY

### ABSTRACT

The present invention relates to a method of generating a gene library from an environmental pool of organisms, which  
5 gene library is enriched in DNA encoding a polypeptide with an activity of interest. Also, the invention provides a method of selecting a DNA sequence of interest from an environmental pool of organisms. Further, the invention relates to a gene library prepared from an enriched environmental pool of organisms  
10 enriched in DNA encoding a polypeptide with an activity of interest.